# Attachment 157

# Attachment A

# **MARSHINI CHETTY** CV

Associate Professor <a href="https://www.cs.uchicago.edu/~marshini">https://www.cs.uchicago.edu/~marshini@uchicago.edu</a> <a href="marshini@uchicago.edu">marshini@uchicago.edu</a>

#### RESEARCH INTERESTS

I specialize in the research areas of **Human-Computer Interaction (HCI)** and **usable privacy and security**. I direct the Amyoli Internet Research Laboratory or AIR lab for short. My research aims to create an equitable Internet, one that is *trustworthy* and *inclusive* of all users; I do so by determining how to cater to differences in users' infrastructure, preferences, and abilities as well as finding ways to create a trustworthy cyberspace to prevent online malfeasance.

#### **EDUCATION**

#### GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, GA

Ph.D. in Human-Centered Computing, 2011

Dissertation: Making Infrastructure Visible: A Case Study of Home Networking

Advisor: Rebecca E. Grinter

Committee: Gregory Abowd, W. Keith Edwards, Elizabeth Mynatt (Georgia Tech)
A.J. Bernheim Brush (Microsoft Research) and Tom Rodden (University of Nottingham)

#### UNIVERSITY OF CAPE TOWN

Cape Town, South Africa

MSc. in Computer Science, 2005

Thesis: Developing Locally Relevant Applications For Rural South Africa: A Telemedicine

Example

Advisor: Edwin Blake

Awarded with Distinction

BSc. (Hons) in Computer Science, 2002

Awarded First Class

BSc. in Computer Science, 2001

Degree Awarded with Distinction with Distinctions in Computer Science and Psychology

#### AWARDS AND HONORS

2023	CHI Best Paper Honorable Mention award (Awarded to top 5% of submissions)
2021	NSF CAREER award
2021	CHI Best Paper Honorable Mention award (Awarded to top 5% of submissions)
2019	10th Annual Privacy Papers for Policymakers (PPPM) Award (Awarded to top influential papers in 2019)
2019	SOUPS Distinguished Paper Award (Awarded to top paper submission)
2018	CSCW Best Paper award (Awarded to top 3% of submissions)
2011	CHI Best Paper award (Awarded to top 1% of submissions)

2011	Georgia Tech College of Computing Outstanding Graduate Research Assistant Award (Awarded to 1 GRA in the College of Computing)
2010-2011	Intel Ph.D. Fellowship. (27 fellowships awarded nationally to top computer science researchers.)
2010	Georgia Tech Research and Innovation Conference \$2000 Travel Grant (Awarded within departments for outstanding poster presentation.)
2009-2010	Georgia Tech GVU Foley Scholar Award (Awarded to 2 graduate students at GVU center for research excellence.)
2008-2009	Georgia Tech GVU Foley Scholar Finalist
2007-2008	Google Anita Borg Scholarship (20 scholarships awarded nationally to top women computer scientists.)
2007-2008	Georgia Tech Sam Nunn Security Fellowship (6 fellowships awarded institute wide for scientists to engage in policy matters.)
2006	Google Women of Color Scholarship to attend Grace Hopper conference.
2006	2nd Place at the ACM CHI Student Design Competition. (Out of 15 competing teams.)
2005	Computer Science Merit Certificate for academic achievement (Awarded to top 1% of computer science students in the department.)
2005-2007	Fulbright Scholarship (13 scholarships awarded nationally in South Africa)
2003-2004	National Research Foundation Equity scholarship (Awarded nationally for academic achievement to cover graduate study living expenses.)
2003-2004	University of Cape Town University Council bursary (Awarded for academic achievement.)
2000-2002	HSBC bursary for academic achievement. (Awarded institute wide for academic achievement to cover full tuition and living expenses.)
2001	Class Medal for CS 302F (Operating systems, databases, and software engineering). (Awarded to top student in the class.)
2001	Microsoft scholarship to attend Tech Ed conference (Awarded to top computer science student in department.)
2000	William Campbell-Pill scholarship (Awarded to one student institute-wide for academic achievement.)
1999-2001	Dean's Merit list (Awarded to top 1% of students in the Sciences.)

### **WORK EXPERIENCE**

2022-Present	Associate Professor Department of Computer Science	University of Chicago, Chicago, IL
2019-2022	Assistant Professor Department of Computer Science	University of Chicago, Chicago, IL
2016-2019	Research Scholar Department of Computer Science	Princeton University, Princeton, NJ
2013-2016	Assistant Professor College of Information Studies Institute for Advanced Computing Studies Department of Computer Science (Affiliate)	University of Maryland, College Park, MD

2012-2013 **Research Fellow** ResearchICTA frica, Cape Town, South Africa

Assessing the quality of service of broadband services in Africa.

2011-2012 **Postdoctoral Researcher** Georgia Tech, Atlanta, GA

Worked in the Pixi laboratory at the Graphics Visualization and Usability (GVU) center with Assoc. Prof. W. Keith Edwards. Projects included designing and implementing tools for home

network management including the uCap tool for managing a home data cap.

2005-2011 Graduate Research Assistant Georgia Tech, Atlanta, GA

Research assistant in the Work2Play laboratory. Projects included studying home network user

needs and developing tools to make network information visible to end-users.

2010 Fall Research Intern Microsoft Research, Cape Town, South Africa

Research on how home Internet users deal with capped bandwidth plans. In collaboration with

Microsoft Research (MSR) India, MSR Redmond and MSR Cambridge. *Mentors:* A.J. Bernheim Brush, Richard Banks, and Jonathan Donner

2009 Summer Research Intern Microsoft Research, Cambridge, United Kingdom

Refined and conducted a field trial of HomeWatcher—a tool to make bandwidth hogs more

visible to end-users.

Mentors: Richard Banks and Abigail Sellen

2008 Summer Research Intern Microsoft Research, Redmond, WA

Experimented with phidget sensors for power savings on computer monitors. Conducted a

logging study of home computer users' power management strategies.

Mentor: A.J. Bernheim Brush

2007 Summer Research Intern IBM TJ Watson Research Laboratory, Hawthorne, NY

Investigated business uses of Second Life and developed a basic taxonomy of websites. *Mentors:* Lauretta Jones, Juerg von Kaenel, Jacquelyn Martino, and John C. Thomas

#### **TEACHING EXPERIENCE**

Instructor University of Chicago

Spring 2025 CMSC 23210/33210: Usable Privacy and Security

Enrollment: TBD

Winter 2025 CMSC 20370/30370 Inclusive Technology: Design for Under-served and Marginalized

**Populations** 

Enrollment: 65 students

Fall 2024 CMSC 33231-1: Topics in Human-Computer Interaction: Combating Misleading Online

Content

Enrollment: 9 students

Spring 2024 CMSC 23210/33210: Usable Privacy and Security

Enrollment: 65 students

Winter 2024	CMSC 20370/30370 Inclusive Technology: Design for Under-served and Marginalized Populations
	Enrollment: 56 students
Fall 2023	CMSC 33231-1: Topics in Human-Computer Interaction: Combating Misleading Online Content
	Enrollment: 13 students
Spring 2023	CMSC 23210/33210: Usable Privacy and Security Enrollment: 66 students
Winter 2023	CMSC 20370/30370 Inclusive Technology: Design for Under-served and Marginalized Populations
	Enrollment: 58 students
Fall 2022	CMSC 33231-1: Topics in Human-Computer Interaction: Combating Misleading Online Content
	Enrollment: 11 students
Spring 2022	CMSC 23210/33210: Usable Privacy and Security Enrollment: 55 students
Winter 2022	CMSC 20370/30370 Inclusive Technology: Design for Under-served and Marginalized Populations
	Enrollment: 54 students
Fall 2021	CMSC 33231-1: Topics in Human-Computer Interaction: Combating Misleading Online
	Content
	Enrollment: 11 students
Spring 2021	CMSC 23210/33210: Usable Privacy and Security
1 0	Enrollment: 63 students
Winter 2021	CMSC 20370/30370: Inclusive Technology: Design for Under-served and Marginalized
	Populations
	Enrollment: 44 students
Fall 2020	CMSC 33231-1: Topics in Human-Computer Interaction: Combating Misleading Online
	Content
	Enrollment: 14 students
Spring 2020	CMSC 33231-1: Topics in Human-Computer Interaction: Combating Misleading Online Content
	Enrollment: 16 students
Winter 2020	CMSC 20370/30370: Inclusive Technology: Design for Under-served and Marginalized Populations
	Enrollment: 42 students
	Instructor Princeton University
Fall 2017	COS 436: Human-Computer Interface Technology Enrollment: 38 students, 5 community auditors
Spring 2017	COS IW 09: These Aren't The Drones You Are Looking For: Mitigating the Privacy and
Spring 2017	Security Implications Of Drones Enrollment: 5 students
	Instructor University of Maryland, College Park
Spring 2016	Graduate Course INST 632, Human Computer Interaction Design Methods
	Enrollment: 24 students
Fall 2015	Parental Leave

Spring 2015	Graduate Course INST 631, Fundamentals of Human Enrollment: 6 students	Computer Interaction
Fall 2014	Graduate Course INST 632/CMSC 498V, Human Con Enrollment: 29 students	mputer Interaction Design Methods
Spring 2014	Graduate Course INST 776, Human Computer Interact Enrollment: 12 students	ction Masters Capstone
Fall 2013	Graduate Course INFM 605, Users and Use Context Enrollment: 29 students	
	Teaching Assistant	Georgia Institute of Technology
Spring 2008	Graduate Course CS 7460, Issues in Human-Centered Created and graded practice exams, participated in, and	1 0
Fall 2005	Undergraduate Course CS 4001, Computers and Society Graded assignments and finals, conducted regular office course website. Also, attended class to assist with discus-	ce hours for students, and managed the
	Lecturer	University of Cape Town
2004-2005	CS 1010H (for previously disadvantaged students), CS courses. Customized materials for undergraduate introduction t including publicly available lecture slides. Created and statement and statement as a contract of the cont	to programming course (using Java) graded tests, final exams, and hands-on
	laboratory sessions. Participated in department as full a	icademic starr member.
	Teaching Assistant	University of Cape Town
2003-2004	CS 1010H and CS 1011F, Introductory Computer Scie Managed course materials website, assisted with hands undergraduate tutors and test grading sessions, and con	on laboratory sessions, supervised
	Lecturer Assistant	University of Cape Town
2003-2004	CSC 5003/4W, Master's in Information Technology by Graded assignments.	y Coursework and Dissertation.
	Tutor	University of Cape Town
2001	CS 1015F and CS 1016S, Introductory Computer Scient Assisted with hands-on laboratory sessions and graded	

#### REFEREED CONFERENCE PAPERS

Note: Papers are listed in reverse chronological order.

- [1] Gao, L., Blinder, E.B., Barnes, A., Song, K., Clegg, T., Vitak, J., and <u>Chetty, M.</u> Creating and Evaluating Privacy and Security Micro-Lessons for Elementary School Children. To Appear CSCW 2025.
- [2] Schaffner, B., Ulloa, Y., Sahni, R., Li, J., Cohen, A.K., Messier, N., Gao, L., and <u>Chetty, M.</u> An Experimental Study of Netflix Use and Effects of Autoplay on Watching Behaviors. To Appear CSCW 2025.
- [3] Tran, V.H., Mehrotra, A., Sharma, R., <u>Chetty, M.</u>, Feamster, N., Frankenreiter, J., and Strahilevitz, L. Dark Patterns in the Opt-Out Process and Compliance with the California Consumer Privacy Act (CCPA). To Appear CHI 2025.

- [4] Wagman, K.B., Dearing, M.T., and <u>Chetty, M.</u> Generative AI Uses and Risks for Knowledge Workers in a Science Organization. To Appear CHI 2025.
- [5] Blinder, E., Fessehazion, S., Torok, Z., bonsignore, e., Fails, J., Yip, J., Chetty, M., Vitak, J., and Clegg, T. Evaluating Privacy and Security Tradeoffs With Children Using Hypothetical `Would You Rather' Scenarios. CSCW 2024.
- [6] Katcher, S., Wang, L, Yang, C., Messdaghi, C., Mazurek, M.L., <u>Chetty, M.</u>, Fulton, K.R., and Votipka, D. A Survey of Cybersecurity Professionals' Perceptions and Experiences of Safety and Belonging in the Community. SOUPS 2024.
- [7] Schaffner, B., Bhagoji, A.N., Cheng, M., Mei, J., Shen, J., Wang, G., Lakier, G., Tan, C., Feamster, N., and <u>Chetty, M.</u> Community Guidelines Make This the Best Party on the Internet: An In-Depth Study of Online Platforms' Content Moderation Policies. CHI 2024.
- [8] Tran, V. Mehrotra, A., *Chetty, M.*, Feamster, N., Frankenreiter, J., and Strahilevitz, L. Measuring Compliance with the California Consumer Privacy Act Over Space and Time. CHI 2024.
- [9] Chanenson, J., Sloane, B., Morrill, A., Chee, J., Rajan, N., Huang, D., and <u>Chetty, M.</u>
  Uncovering Privacy and Security Challenges In K-12 Schools. CHI 2023. \*CHI Best Paper Honorable Mention Award
- [10] Kumar, P. C., O'Connell, F., Li, L., Byrne, V., <u>Chetty, M.</u>, Clegg, T., and Vitak, J. Understanding research on designing for children's privacy and security: A document analysis. IDC 2023.
- [11] Wagman, K. B., Blinder, E. B., Song, K., Vignon, A., Dworkin, S., Clegg, T., Vitak, J., and Chetty, M. "We picked community over privacy": Privacy and security concerns emerging from remote learning sociotechnical infrastructure during COVID-19. CSCW 2023.
- [12] Schaffner, B., Stefanescu, A., Campili, O, and <u>Chetty, M</u>. Don't Let Netflix Drive the Bus: User's Sense of Agency Over Time and Content Choice on Netflix". CSCW 2023.
- [13] Fulton, K.R., Katcher, S., Song, K., <u>Chetty, M.</u>, Mazurek, M.L., Messdaghi, C., and Votipka, D. (2022) Vulnerability Discovery for All: Experiences of Marginalization in Vulnerability Discovery. IEEE Symposium on Security and Privacy 2022.
- [14] Dutkowska-Zuk, A., Hounsel, A., Morill, A., Xiong, A., <u>Chetty, M.</u>, and Feamster, N. (2022) How and Why People Use Virtual Private Networks. USENIX Security 2022. 52 pages.
- [15] Feng, K.K.J., Song, K., Li, K., Chakrabarti, O., and <u>Chetty, M.</u> (2022) Investigating How University Students in the United States Encounter and Deal With Misinformation in Private WhatsApp Chats During COVID-19. SOUPS 2022. 20 pages.
- [16] Schaffner, B., Lingareddy, N., and <u>Chetty, M</u>. (2022) Understanding Account Deletion and Relevant Dark Patterns In Social Media. CSCW 2022. 44 pages.
- [17] Boyd M., Sullivan, J., <u>Chetty, M.</u>, and Ur, B. (2021) Understanding the Security and Privacy Advice Given to Black Lives Matter Protesters. CHI 2021. 26.3% Acceptance rate. 18 pages. \*CHI Best Paper Honorable Mention Award
- [18] Reichel, J., Inaba, M., Peck, F., Mogas, B, Chawla, B.C., and <u>Chetty, M.</u> (2020) 'I have too much respect for my elders': Understanding South African Mobile Users' Perceptions of Privacy and Current Behaviors on Facebook and WhatsApp. USENIX Security 2020. 18 pages.
- [19] Swart M., Lopez, Y., Mathur, A., and <u>Chetty, M.</u> Is This An Ad?: Automatically Disclosing Online Endorsements with AdIntuition. (2020) CHI 2020. 24% acceptance rate. 10 pages.
- [20] Mathur, A., Acar, G., Friedman, M., Lucherini, E., Mayer, J., Chetty, M., and Narayanan, A.
   (2019) Dark Patterns at Scale: Findings from a Crawl of 11K Shopping Websites. CSCW 2019.
   31% Acceptance Rate. 32 pages. \*Annual Privacy Papers for Policymakers Award 2019
- [21] Li, F., Rogers, L., Mathur, A., Malkin, N, and <u>Chetty, M.</u> (2019). Keepers of the Machines: Examining How System Administrators Manage Software Updates For Multiple Machines. SOUPS 2019. 22% Acceptance Rate. 16 pages. \*Best Paper Award (Awarded to top paper submission.)

- [22] Kumar, P., <u>Chetty, M.</u>, Clegg, T., and Vitak, J. (2019). Privacy and Security Considerations for Digital Technology Use In Elementary Schools. CHI 2019. 23.8% Acceptance Rate. 12 pages.
- [23] Mathur, A., Narayanan, A., and <u>Chetty, M.</u> (2018) Endorsements on Social Media: An Empirical Study of Affiliate Marketing Disclosures on YouTube and Pinterest. CSCW 2018. 26% Acceptance Rate. 26 pages. \*Best Paper Award (Awarded to selection of top 4% of submissions.)
- [24] Zheng, S., Apthorpe, N., Chetty, M., and Feamster, N. (2018) User Perceptions of Smart Home IoT Privacy. CSCW 2018. 26% Acceptance Rate. 20 pages.
- [25] Winter, P., Edmundson, A., Roberts, L., Dutkowsk-Zuk, A., Chetty, M., and Feamster, N. (2018) How Do Tor Users Interact With Onion Services? USENIX Security 2018. 19% Acceptance Rate. 18 pages.
- [26] Mathur, A., Narayana, A., Vitak, J., and <u>Chetty, M.</u> (2018) Characterizing the Use of Browser-Based Blocking Extensions To Prevent Online Tracking. SOUPS 2018. 22.7% Acceptance Rate. 14 pages.
- [27] Kumar, P., Vitak, J., <u>Chetty, M.</u>, Clegg, T., Yang, J., McNally, B., and Bonsignore, E. (2018) Co-Designing Online Privacy-Related Games and Stories with Children. Interaction Design and Children Conference (IDC) 2018. 29% Acceptance Rate. 13 pages.
- [28] Romanosky, J. and <u>Chetty, M.</u> Understanding the Use and Impact of the Zero-Rated Free Basics Platform in South Africa. *In CHI 2018*, Montreal, Canada. 25.7% Acceptance Rate. 13 Pages.
- [29] Kumar, P., Naik, S.M., Devkar, U.R., <u>Chetty, M.</u>, Clegg, T., and Vitak, J. 'No Telling Passcodes Out Because They're Private': Understanding Children's Mental Models of Privacy and Security Online. *In CSCW 2018 Online First.* 27% Acceptance Rate. 21 pages.
- [30] Mathur, A. and <u>Chetty, M.</u> "Impact of User Characteristics on Attitudes Towards Automatic Mobile Application Updates." *In SOUPS 2017*, Santa Clara, California, USA. 27% Acceptance rate. 19 pages.
- [31] Chang, V., Chundury, P., and <u>Chetty, M.</u> (2017). "Spiders in the Sky": User Perceptions of Drones, Privacy, and Security. *In CHI 2017*, Denver, Colorado, USA. 25% Acceptance Rate. 12 pages.
- [32] Mathur, A., Sobti, S., Engel, J., Chang, V., and <u>Chetty, M</u>. (2016). "They Keep Coming Back Like Zombies" Improving Software Updating Interfaces. *In SOUPS 2016*, Denver, Colorado, USA. 27.8% Acceptance Rate. 12 pages.
- [33] Mathur, A., Scholtfeldt, B., and <u>Chetty, M.</u> "A Mixed-Methods Study Of Mobile Users' Data Management Practices In South Africa" *In Ubicomp 2015* (Osaka, Japan), ACM. 23.6% Acceptance Rate. 12 pages.
- [34] <u>Chetty, M.</u>, Kim, H., Sundaresan, S., Burnett, S., Feamster, N., and Edwards, W.K. "uCap: An Internet Data Management Tool For The Home" *In CHI 2015* (Seoul, Korea), ACM. 23% Acceptance Rate. 10 pages.
- [35] Gupta, A., Calder, M., Feamster, N., <u>Chetty, M.</u>, Calandro, E., and Katz-Bassett, E. "Peering at the Internet's Frontier: A First Look At ISP Interconnectivity In Africa." *Passive and Active Measurement Conference 2014* (Los Angeles, United States), ACM. 31% Acceptance Rate. 10 pages.
- [36] <u>Chetty, M.</u>, Muckaden, S., Sundaresan, S., Feamster, N., and Calandro, E. "Measuring Broadband Performance in South Africa." *ACM DEV 2013* (Cape Town, South Africa), ACM. 33% Acceptance Rate. 10 pages.
- [37] Wyche, S. and <u>Chetty, M.</u>, "Designing to Support Africans Living Abroad and "Home". *In CHI* 2013 (Paris, France), ACM. 20% Acceptance Rate. 10 pages.
- [38] <u>Chetty, M.</u>, Banks, R., Bernheim Brush, A. J., Donner, J., and Grinter, R. "You're Capped" Understanding The Effects of Broadband Caps on Broadband Use in The Home. *In CHI 2012* (Austin, USA, 2012), ACM. 23% Acceptance Rate. 10 pages.

- [39] <u>Chetty, M.</u>, Haslem, D., Baird, A., Ofoha, U., Sumner, B., and Grinter, R. Why Is My Internet Slow?: Making Network Speeds Visible. *In CHI 2011* (Vancouver, Canada, 2011), ACM. 26% Acceptance Rate. \*Best Paper Award (Awarded to selection of top 1% of submissions.). 10 pages.
- [40] Wyche, S., Smyth, T., <u>Chetty, M.</u>, Aoki, P., and Grinter, R. Deliberate Interactions: Characterizing Technology Use In Nairobi, Kenya. *In CHI 2010* (Atlanta, USA, 2010), ACM. 22% Acceptance Rate. 10 pages.
- [41] <u>Chetty, M.</u>, Banks, R., Harper, R., Regan, T., Sellen, A., Gkantsidis, C., Karagiannis, T., AND KEY, P. Who's Hogging The Bandwidth: The Consequences Of Revealing The Invisible In The Home. *In CHI 2010* (Atlanta, USA, 2010), ACM. 22% Acceptance Rate. 10 pages.
- [42] Shehan-Poole, E., <u>Chetty, M.</u>, Morgan, T., Grinter, R., and Edwards, W. Computer Help At Home: Methods And Motivations For Informal Technical Support. *In CHI 2009* (Boston, USA, 2009), ACM. 24.5% Acceptance Rate. 10 pages.
- [43] <u>Chetty, M.</u>, Bernheim-Brush, A., Meyers, B., and Johns, P. It's Not Easy Being Green: Understanding Home Computer Power Management. *In CHI 2009* (Boston, USA, 2009), ACM. 24.5% Acceptance Rate. 10 pages.
- [44] Shehan-Poole, E., <u>Chetty, M.</u>, Grinter, R., and Edwards, K. More Than Meets The Eye: Transforming The User Experience Of Home Network Management. *In DIS 2008* (Cape Town, South Africa, 2008), ACM. 32% Acceptance Rate. 10 pages.
- [45] <u>Chetty, M., Tran, D., and Grinter, R. Getting To Green: Understanding Resource Consumption In The Home. *In Ubicomp 2008* (Seoul, Korea, 2008), ACM. 19% Acceptance Rate. 10 pages.</u>
- [46] <u>Chetty, M.</u>, Sung, J., and Grinter, R. E. How Smart Homes Learn: The Evolution Of The Networked Home And Household. *In Ubicomp 2007* (Innsbruck, Austria, 2007), Springer-Verlag. 19% Acceptance Rate. 10 pages.
- [47] Kientz, J., Arriaga, R., <u>Chetty, M.</u>, Hayes, G., Richardson, J., Patel, S., and Abowd, G. Grow And Know: Understanding Record-keeping Needs For The Development Of Young Children. In *CHI 2007* (San Jose, CA, 2007), ACM. 25% Acceptance Rate. 10 pages.
- [48] <u>Chetty, M.</u>, Tucker, B., and Blake, E. Telemedicine In The Eastern Cape Using VoIP Combined With A Store And Forward Approach. *In Southern African Telecommunications Networks and Applications Conference* (Cape Town, South Africa, 2004). 4 pages.
- [49] <u>Chetty, M.</u>, Tucker, B., and Blake, E. Developing Locally Relevant Software Applications for Rural Areas: A South African Example. *In SAICSIT 2004* (Cape Town, South Africa, 4-6 October 2004). 5 pages.
- [50] <u>Chetty, M.</u>, Tucker, B., and Blake, E. Using Voice Over IP To Bridge The Digital Divide A Critical Action Research Approach. *In Southern African Telecommunications Networks and Applications Conference* (George, South Africa, 2003). 2 pages.
- [51] Kritizinger, P., Chetty, M., Landman, J., Marconi, M., and Ryndina, O. ChattaBox: A Case Study In Using UML And SDL For Engineering Concurrent Communicating Software Systems. *In Southern African Telecommunications Networks and Applications Conference* (George, South Africa, 2003). 6 pages.

#### REFEREED JOURNAL PAPERS

- [1] Kugler, M.B., Strahilevitz, L.J., Chetty, M., Mahapatra, C., And Ulloa, Y. Can Consumers Protect Themselves Against Privacy Dark Patterns? (2025) To Appear University of New Hampshire Law Review
- [2] Apthorpe, N., Emami- Naeini, P., Mathur, A., <u>Chetty, M.</u>, and Feamster, N. (2022) You, Me, and IoT: How Internet-Connected Consumer Devices Affect Interpersonal Relationships. To Appear in *Transactions of Internet of Things (TIOT)*.

- [3] Major, D., Huang, D., <u>Chetty, M.</u> and Feamster, N. (2021) Alexa, Who Am I Speaking To? Understanding Users' Ability To Identify Third-Party Apps on Amazon Alexa. *Transactions on Internet Technology (TOIT)*. 22 pages.
- [4] Grinter, R., Edwards, W., Chetty, M., Shehan-Poole, E., Sung, J., Yang, J., Crabtree, A., Tolmie, P., Rodden, T., Greenhalgh, C., and Benford., S. The Ins And Outs Of Home Networking: The Case For Useful And Usable Domestic Networking. *ACM Trans. Computer-Human Interaction* 16, Article 8 (June 2009), 1-28, 28 pages.
- [5] <u>Chetty, M.</u>, Blake, E., and Mcphie, E. VoIP Deregulation In South Africa: Implications For Underserviced Areas. *Telecommunications Policy* 30, Issues 5-6 (2006), 22 pages.

#### **THESES**

- [1] <u>Chetty, M.</u> Making Infrastructure Visible: A Case Study Of Home Networking. *Ph.D. Thesis: College of Computing, Georgia Institute of Technology*, USA, 2011. 187 pages.
- [2] <u>Chetty, M.</u> Developing Locally Relevant Applications for Rural South Africa: A Telemedicine Example. *Master's Thesis: Dept. of Computer Science, University of Cape Town*, South Africa, 2005. 182 pages.

#### LIGHTLY REVIEWED PAPERS

- [1] Huisingh-Scheetz, M., Bryant, B., Taylor, C., Foster, B., Appelhans, B., Chetty, M., Danilovich, M., Davis, E., Feamster, N., Finch, L., Richardson, M., Thomas, N., Wagman, K., Wan, W., Wilder, J., Hawkley, L. Design, methods and preliminary findings for the EngAGE trial: An exercise and social engagement intervention for multimorbid, homebound African American older adult-care partner dyads delivered over voice-activated technology. Oral Presentation. International Conference on Frailty and Sarcopenia Research. Toulouse, France. March 22-24, 2023.
- [2] Lingareddy, N., Schaffner, B., and <u>Chetty, M.</u> Can I Delete My Account?: Dark Patterns In Account Deletion On Social Media (2021) *CHI 2021 Workshop on What Can CHI Do About Dark Patterns?*.
- [3] Narayanan, A., Mathur, A., Chetty, M., and Kshirsagar, M. (2020). Dark Patterns: Past, Present, and Future. Queue, 18(2), 67-92.
- [4] Kumar, P.C., Subramaniam, M., Vitak, J., Clegg, T., and <u>Chetty, M</u>. (2020). Strengthening Children's Privacy Literacy Through Contextual Integrity. Media and Communication, 8(4).
- [5] Kumar, P., Vitak, J., Clegg, T., and <u>Chetty, M</u>. (2019). The Platformization Of The Classroom: Teachers As Surveillant Consumers. *Surveillance & Society*, 17(1/2), 145-152. 8 pages.
- [6] Mathur, A., <u>Chetty, M.</u>, and Narayana, A. An Empirical Study of Affiliate Marketing Disclosures on YouTube and Pinterest. *Workshop on Technology and Consumer Protection (ConPro 2018)*, San Francisco, California. (2018). 7 pages.
- [7] <u>Chetty, M.</u>, Calandro, E., and Feamster, N. Latency Effects on Broadband Performance in South Africa. *Internet Society Workshop on Reducing Internet Latency*. (2013). 2 pages.
- [8] <u>Chetty, M.</u> and Feamster, N. Refactoring Network Infrastructure to Improve Manageability: A Case Study of Home Networking. *ACM SIGCOMM Computer Communication Review*. Vol 42, No. 3. July 2012 (2012). 8 pages.
- [9] Kim, H., Sundaresan, S., <u>Chetty, M.</u>, Edwards, W.K., and Feamster, N. Communicating with Caps: Managing Usage Caps in Home Networks. *ACM SIGCOMM DEMO* (2011). 2 pages.
- [10] Sundaresan, S., Feamster, N., Teixeira, R., Tang, T., Edwards, W.K., Grinter, R.E, <u>Chetty, M.</u>, and De Donato, W. Helping Users To Shop for ISPs with Nutrition Labels. *HomeNets Workshop ACM SIGCOMM* (2011). 6 pages.

- [11] <u>Chetty, M.</u>, Banks, R., Bernheim-Brush, A., Donner, J., and Grinter, R. While The Meter Is Running: Computing In A Capped World. *Interactions*, March/April (2011). 4 pages.
- [12] Wagstrom, P., Thomas, J., Martino, J., Jones, L., Von Kaenel, J., and <u>Chetty, M.</u> A Dive Into Online Community Properties. *In CSCW 2011 Interactive Papers* (Hangzhou, China, 2011), ACM. 4 pages.
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- [20] <u>Chetty, M.</u> and Grinter, R. Making Connections: Designing for Home Networking. *IT@Home Workshop At CHI 2006 (*Montreal, Canada, 2006), ACM. 4 pages.

#### **POSTERS**

- [1] Mathur, A., Schlotfeldt, B., and <u>Chetty, M.</u> A Study of Mobile Users' Data Usage Practices in South Africa, iSchool 50th Anniversary Celebration, February 27, 2015
- [2] Singh, R. and Chetty, M. Users Awareness of Personalization and Pollution Attacks, *University of Maryland Science of Security Lablet Symposium*, 26 October 2015.
- [3] Engel, J., Persaud, B., and <u>Chetty, M.</u> User Barriers to Software Updates. *University of Maryland Science of Security Lablet Symposium*, 26 October 2015.
- [4] Chang, V. and Chetty, M. Privacy and Security Concerns Around Drones. *University of Maryland Science of Security Lablet Symposium*, 26 October 2015.
- [5] Shepard, K. and Chetty, M. Helping Users to Detect and Control Pollution Attacks. *University of Maryland Science of Security Lablet Symposium*, 28 October 2014.
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# **UNREFEREED PAPERS**

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#### **PUBLIC POLICY COMMENTS**

- [1] <u>Chetty, M.,</u> Kugler, M., Schaffner, B. and Strahilevitz, L. (2022). Comment on California Consumer Privacy Act Regulations Public Participation in the Rulemaking Process.
- [2] Chanenson, J., <u>Chetty, M.</u>, Crum, C., Feamster, N., Holiman, J., Khanna, A., MacMillan, K., Pandey, B., Peterson, A., Rothstein, Z., Schaffner, B., Strahilevitz, L., and Yasmeh, J. (2022) Comment on Dark Patterns in Social Media for European Data Protection Board.
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- [4] <u>Chetty, M.</u>, Lingareddy, N., Schaffner, B., and Strahilevitz, L. (May 2021) Comment on Dark Patterns for Federal Trade Commission Docket FTC-2021-0019. https://voices.uchicago.edu/airlab/files/2022/06/FTC-2021-0019-0111\_attachment\_1.pdf
- [5] <u>Chetty, M., Kshirsagar, M., Mathur A., Mayer, J., and Narayanan, A. (June 2020). Comment on Online Endorsement Guidelines To Federal Trade Commission.</u> <u>https://citpsite.s3.amazonaws.com/wp-content/uploads/2020/2020-06-22-CITP-Clinic-Endorsement+Guides-P204500.pdf</u>
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#### **SELECTED MEDIA**

- [1] CBS News. Chicago influencer says U.S. ban on TikTok would take slash his audience. January 15, 2025.
- [2] US News. Data Privacy Tips for College Students. November 4, 2024.
- [3] CBS News. Teaching Kids to Be CyberSafe.. August 26, 2024
- [4] NBCChicago. Glenview business turns to NBC 5 Responds for help following onslaught of fake negative reviews on Google. July 29, 2024.
- [5] ABC7. Online Safety for Children. Our Chicago. July 28, 2024.
- [6] NBCChicago. NBC 5 Responds finds background check websites often fail to locate criminal records. May 22, 2024.
- [7] FOX35 Orlando. Florida schools latest target in escalating cyber attacks. October 11, 2023
- [8] THE 74. It's Back to School for Cyber Gangs, Too. The 74. September 14, 2023.
- [9] HECHINGER REPORT. Cybercriminals come for schools and schools aren't ready. September 14, 2023.
- [10] WALL STREET JOURNAL. How Netflix's Algorithms and Tech Feed Its Success. July 28, 2023
- [11] EDSURGE. Student Privacy Is at More Risk Than Ever Before. Can K-12 Schools Keep It Safe?. 17 April 17 2023.

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- [13] CNET. You can't buy your way to happiness how to avoid the retail therapy trap. 3 May 2022.
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- [15] NYTIMES. Stopping the Manipulation Machines. 30 April 2021.
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- [18] WALL STREET JOURNAL. Does Robinhood Make It Too Easy to Trade? From Free Stocks to Confetti. 20 August 2020.
- [19] WIRED. The Subtle Tricks Shopping Sites Use to Make You Spend More. 6 August 2020.
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- [21] CHICAGO TRIBUNE. Cyber Week Shoppers Are Signing Up, Shame Clicking, and Impulse Buying Like Crazy And Dark Pattern Ploys Are To Blame. Here's Why Scientists And Lawmakers Are Looking To Fix That. 6 December 2019.
- [22] CNN. Buyer beware! These are the tricks online stores use to get you buying more stuff. 29 November 2019.
- [23] WALL STREET JOURNAL. Tricks Online Retailers Use To Get You To Spend More. 22 November 2019.
- [24] WIRED. This Chrome Extension Calls Out Sponsored YouTube Videos. 12 July 2019.
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- [27] WIRED. YouTube and Pinterest Influencers Almost Never Disclose Marketing Relationships. March 2018.
- [28] NEW SCIENTIST. Millions of YouTube product reviews may flout advertising rules. March 2018.
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- [35] ARS TECHNICA. Parents, Need To Throttle Timmy's Xbox While You Work From Home? May 2011.
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#### **WORKSHOPS AND PANELS**

- [1] <u>Chetty, M.</u>, Nissenbaum, H., and Shvarzshnaider, Y. Symposium on Applications of Contextual Integrity at Digital Life Initiative, 28-29 September 2024, Rutgers University, New Jersey, USA.
- [2] <u>Chetty, M.</u>, Nissenbaum, H., and Shvarzshnaider, Y. Symposium on Applications of Contextual Integrity at Digital Life Initiative, 21-22 September 2023, York University, Toronto, Canada.
- [3] <u>Chetty, M.</u>, Nissenbaum, H., and Shvarzshnaider, Y. Symposium on Applications of Contextual Integrity at Digital Life Initiative, 22-23 September 2022, Hybrid at Cornell Tech, New York City, NY
- [4] <u>Chetty, M.</u>, Nissenbaum, H., Shvarzshnaider, Y., and Ur, B. Symposium on Applications of Contextual Integrity, 30 September-1 October 2021, Hybrid at University of Chicago, Chicago, IL.
- [5] <u>Chetty, M.</u>, Nissenbaum, H., Shvarzshnaider, Y., and Ur, B. Symposium on Applications of Contextual Integrity at Center for Information and Technology Policy, 21 September 2020, Virtual Town Hall at University of Chicago, Chicago, IL.
- [6] <u>Chetty, M.</u>, Nissenbaum, H., and Shvarzshnaider, Y. Symposium on Applications of Contextual Integrity at Center for Information and Technology Policy, 13-14 September 2018, Princeton University, Princeton, NJ.
- [7] Vitak, J., Kumar, P., Clegg, T., Bonsignore, B., Chetty, M., and Wisniewski, P. Designing Privacy and Security Tools for Children and Teenagers, 12 August 2018, SOUPS 2018, Baltimore, MD.
- [8] <u>Chetty, M.</u>, Nissenbaum, H., and Shvarzshnaider, Y. Workshop on Applications of Contextual Integrity at Center for Information and Technology Policy, 11 December 2017, Princeton University, Princeton, NJ.
- [9] Anderson, K., <u>Chetty, M.</u>, Gupta, S., and Reidenberg, J. Dissecting the Equifax Breach. Panel, Center for Information and Technology Policy, 21 November 2017, Princeton University, Princeton, NJ.
- [10] Feamster, N., Brush, A.J., <u>Chetty, M.</u>, Davies, B., Mahajan, R., and Mortier, R. Home Networking Panel, IEEE Computer Communications Workshop 2011, Hyannis, Cape Cod, MA.
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#### **INVITED TALKS**

- Imagine All The People On A Trustworthy Internet. Computer Science Seminar at Stellenbosch University. 23 August 2024.
- 2024 Community Guidelines Makes this the Best Party on the Internet": An In-Depth Study of Online Platforms' Content Moderation Policies. *School of Information Technology at University of Cape Town Seminar.* 15 August 2024.
- Data and Democracy: Content Moderation. Summer Lab at University of Chicago. 17 July 2024.

2024	I Always Feel Like Somebody's Watching Me: Privacy and Security Issues In K-12 and Beyond. MS in Computational Analysis and Public Policy Seminar at Harris School of Public Policy at University of Chicago. 18 April 2024.
2023	Human Computer Interaction. University of Chicago Lab Schools UHigh Computer Science Club. 8 December 2023.
2023	I Always Feel Like Somebody's Watching Me: Privacy and Security Issues In K-12 and Beyond. <i>Cylab Seminar at Carnegie Mellon University</i> . 13 November 2023.
2023	EdTech and Data Governance in K12 schools. Privacy and Data Governance: Implications for Statistical and Econometric Research conference at University of Chicago. 20 October 2023.
2023	Every Little Thing's Gonna Be Alright On The Internet: Tales of Trust, Privacy, and Inclusivity. Department of Computer Science at University of Cape Town, South Africa. 24 August 2023.
2023	Computer Science Careers Panel. Kovler Career Conference at University of Chicago. 12 July 2023.
2023	Data and Democracy: Content Moderation. Summer Lab at University of Chicago. 5 July 2023.
2023	Keeping Yourself Safe Online: A Guide for Students & Parents. College Readiness and Access at University of Chicago, 23 February 2023.
2022	Only 3 Left At This Price: Investigating Dark Patterns And Consumer Protections. <i>Harper Lecture Series at University of Chicago</i> , 7 December 2022.
2022	Data Ownership and Privacy Panel. Data. AI and Ethics Conferences at University of Chicago. 7 October 2022.
2022	Where and How Is Data Science Education Happening Panel. National Academy of Sciences Workshop on Foundations of Data Science For Students in K-12. 13 September 2022.
2022	Imagine All The People On A Trustworthy Internet. Department of Computer Science at University of Cape Town, South Africa. 25 August 2022
2022	Science Careers Panel. Kovler Career Conference at University of Chicago. 15 July 2022.
2022	Data and Democracy: Content Moderation. Summer Lab at University of Chicago. 22 June 2022.
2022	Investigating Dark Patterns And Consumer Protections. Helsinki-Aalto Institute for Cybersecurity (HAIC) at Aalto University, Finland. 28 April 2022.
2021	Healthcare Technologies For Older Adults. Internet Frontiers and Opportunities Workshop at Data Science Institute at University of Chicago. 15 November 2021.
2021	First Year As Faculty Panel. Rising Stars in Data Science Panel at Data Science Institute at University of Chicago, 11 November 2021
2021	Imagine All The People On A Trustworthy Internet. Frederica Darema Lecture at Illinois Institute of Technology. 3 November 2021
2021	Imagine All The People On A Trustworthy Internet. Human-Computer Interaction Seminar at Stanford University. 8 October 2021
2021	Imagine All The People On A Trustworthy Internet. Design, Use, Build Seminar at University of Washington. 6 October 2021
2021	Imagine All The People On A Trustworthy Internet. Human Computer Interaction Institute at Carnegie Mellon University. 24 September 2021
2021	Interdisciplinary Data Science Career panel. CDAC Summer Lab at University of Chicago. 18 August 2021.
2021	Is This An Ad: Automatically Disclosing Online Endorsements with AdIntuition. Office of Technology Research and Investigation Seminar Series at the Federal Trade Commission held virtually. 4 August 2021.
2021	Only 3 Left At This Price: A Tale Of Misleading Online Content and Consumer Protections. 17th Annual Centre for Competition Policy Conference on Rethinking Consumer Policy: Lessons learned and options for reform held virtually at University of East Anglia, United Kingdom. 24 June 2021.

2021	Imagine All The People On A Trustworthy Internet. College Readiness Workshop on Applications of Artificial Intelligence held by Office of Special Programs at University of Chicago. 14 April 2021.
2021	Keeping Kids Safe Online Workshop. Murray Language Academy Elementary School in Chicago. 7 April 2021.
2021	Imagine All The People On A Trustworthy Internet. GVU Center at College of Interactive Computing at Georgia Institute of Technology. 1 April 2021.
2021	Making The Internet More Trustworthy And Inclusive. <i>Lightning Talks at The Women in Data Science Conference (Chicago)</i> . 12 March 2021.
2021	Interdisciplinary Data Science panel. CDAC Rising Stars in Data Science at University of Chicago. 11 January 2021.
2020	Kids' Privacy and Security During Online Learning. CHI Hack Night. 8 December 2020.
2020	2020 Virtual Career Conference for High School Students. Office of Special Programs at University of Chicago. 6 November 2020.
2020	Tackling Security At The Margins: Case Studies From An Internet Transparency Lens. MIT CSAIL Security Seminar Series 2020. 29 October 2020.
2020	Academic Information Panel at Ada Lovelace Week. Department of Computer Science at University of Chicago. 16 October 2020.
2020	Connecting Contexts: Keeping Kids Safe Online? <i>Third Grade Parent Connect Talk at University of Chicago Laboratory Schools.</i> 15 October 2020.
2020	I Can See Clearly Now: Empowering People Through Internet Transparency. Summer Lab at Center for Data and Computing at University of Chicago. 15 July 2020.
2020	Women in STEM's ATHENA Virtual Lecture Day. 24 May 2020.
2020	Keeping Kids Safe Online Workshop. Murray Language Academy Elementary School in Chicago. 1 April 2020.
2020	Addictive Technology. Booth Big Question at University of Chicago. 19 February 2020.
2019	Only 3 Left At This Price: A Tale Of Misleading Online Content and Consumer Protections. MS-Capp Lunchtime Seminar at Harris School of Public Policy at University of Chicago. 22 October 2019.
2019	Is This An Ad? Revealing Endorsements on YouTube and Pinterest. Summer Institute on Computational Social Sciences at University of Cape Town. 20 June 2019.
2018	Introduction to Human-Computer Interaction. Summer Institute on Computational Social Sciences at University of Cape Town. 19 June 2018.
2018	Introduction to Computer Ethics. Summer Institute on Computational Social Sciences at University of Cape Town. 19 June 2018.
2018	Parting the Cloud: Empowering End-Users Through Internet Transparency. User Experience Professional Association at Princeton Public Library, 21 May, 2018.
2018	Parting the Cloud: Empowering End-Users Through Internet Transparency. Department of Computer Science at Princeton University, 20 February, 2018.
2017	Spiders in the Sky: Investigating User Perceptions of The Privacy and Security Implications of Drones, Center for Information Technology Policy at Princeton University, 14 February, 2017.
2016	They Keep Coming Back Like Zombies: Improving Software Updating Interfaces, Department of Computer Science at University of Cape Town, 28 July, 2016.
2016	Like Zombies They Keep Coming Back: Improving The User Experience of Software, Laboratory for Telecommunication Sciences Maryland, February 18, 2016.
2016	Usable, Livable, and Inclusive Cybersecurity, MC2 Symposium at University of Maryland, College Park, December 7, 2015.
2015	Like Zombies They Keep Coming Back: Improving The User Experience of Software, Center for Information Technology Policy at Princeton University, November 24, 2015.

2015	Like Zombies They Keep Coming Back: Improving The User Experience of Software, <i>Cornell Tech,</i> November 23, 2015.
2015	Like Zombies They Keep Coming Back: Improving The User Experience of Software, Department of Computer Science at Columbia University, November 23, 2015.
2015	A Mixed-Methods Study of User's Mobile Data Usage Practices in South Africa, Google Virtual Conference at Google Mountain view, October 16, 2015.
2015	A Mixed-Methods Study of User's Mobile Data Usage Practices in South Africa, Department of Computer Science, University of Cape Town, July 23, 2015.
2015	uCap: A Data Cap Management Tool for the Home, Open Technology Initiative at New America Foundation, January 30, 2015.
2014	While the Meter Is Running: Helping Consumers Manage Internet Data, Center for Information Technology Policy at Princeton University, November 11, 2014.
2014	Human Behaviors and Cyber Vulnerabilities, <i>Science of Security Lablet Meeting, University of Maryland</i> , October 28, 2014.
2014	uCap: A Data Cap Management Tool for the Home, Department of Computer Science, University of Cape Town, July 26, 2014.
2014	Measuring Broadband Performance in South Africa, Center for Educational Technology, University of Cape Town, January 15, 2014.
2014	uCap: A Data Cap Management Tool for the Home, 31st Annual HCIL Symposium at University of Maryland, College Park, May 29, 2014.
2013	HCI and Networking: Taming the Internet One Bit At A Time, HCIL Brown Bag, iSchool, University of Maryland, College Park, October 10, 2013.
2013	Measuring Broadband Quality of Service, ResearchICTAfrica Workshop, Winchester Mansions Hotel, Cape Town, South Africa, May 7, 2013.
2012	When Protocols Meet People: Interface Design for Home Networks, School of Computer Science, College of Computing, Georgia Institute of Technology, May 8, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, iSchool, University of Washington, April 24, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, <i>Department of Computer Science, University of Wisconsin-Madison</i> , April 16, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, <i>Google Research, Mountain View CA</i> , April 6, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, <i>Department of Computer Science, New York University</i> , March 30, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, Department of Computer Science, Polytechnic Institute of New York University, March 29, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, <i>Department of Computer Science, Northwestern University</i> , March 19, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, iSchool, University of Maryland, College Park, March 6, 2012.
2012	When Protocols Meet People: Interface Design for Home Networks, <i>Department of Computer Science</i> , <i>Brown University</i> , February 9, 2012.
2011	Making Networked Infrastructure Manageable: A Case Study of Home Networking. <i>Max Planck Institute for Software Systems</i> , Kaiserslautern, Germany, November 24, 2011.
2011	What Are Sources of Home Network Complexity And How Can We Help Home Users To Deal With Them? <i>IEEE Computer Communications Workshop</i> , Hyannis, MA, October 11, 2011.
2011	Why Is My Internet Slow? Making Network Speeds Visible. HCI lunch at Google, Mountain View, CA, August 1, 2011.

2011	Why Is My Internet Slow? Making Network Speeds Visible. <i>Technicolor</i> , Palo Alto, CA, July 29, 2011.
2011	Why Is My Internet Slow? Making Network Speeds Visible. Networking group in Computer Science at Stanford, Palo Alto, CA, July 28, 2011.
2010	Making Infrastructure Visible in the Home: A Case Study of Home Networking. <i>Interaction and Experience group at Intel Labs</i> , Portland, November 5, 2010.
2010	Why Is My Internet Slow? Making Network Speeds Visible. Department of Computer Science, University of Cape Town, South Africa, October 7, 2010.
2010	The Ins and Outs of Home Networking: The Case for Useful and Usable Domestic Networking. <i>TOCHI journal paper presented at CHI 2010</i> , April 14, 2010.
2010	Who's Hogging The Bandwidth?: The Consequences of Revealing the Invisible in the Home. GVU Brown Bag, Georgia Institute of Technology, April 1, 2010.
2009	It's Not Easy Being Green: Understanding Home Computer Power Management. <i>GVU Brown Bag, Georgia Institute of Technology,</i> March 12, 2009.
2008	Getting to Green: Understanding Resource Consumption in the Home. GVU Brown Bag, Georgia Institute of Technology, September 11, 2008.
2007	How Smart Homes Learn: The Evolution of the Networked Home and Household. <i>GVU Brown Bag, Georgia Institute of Technology,</i> September 6, 2007.
2007	Threads for Development: Computer Education Revolutions for Sub-Saharan Africa. $GVU$ Brown Bag, Georgia Institute of Technology ,March 8, 2007.

#### **GRANTS**

0044

2025 Content Moderation and AI

Sponsor: Google

Investigator(s): M. Chetty, N. Feamster, and C. Tan

Amount: \$105,500

Awarded: January 2025-January 2026

2025 Teens and Digital Safety AI tools

Sponsor: Google

Investigator(s): M. Chetty, T. Clegg, S. Erete, and J, Vitak

Amount: \$105,500

Awarded: January 2025-January 2026

2024 AI + Science Seed Grant

Sponsor: Data Science Institute at University of Chicago

Investigator(s): ): M. Chetty, M. Dearing.

Amount: \$54,954

Awarded: March 2024-March 2025

2023 BIG IDEAS Generator Seed Grant

Sponsor: University of Chicago Investigator(s): M Chetty and S Collis

Amount: \$75,000

Awarded: April 2023-April 2024

2023 Data and Democracy Seed Grant

Sponsor: Data Science Institute at University of Chicago Investigator(s): M. Chetty, N. Feamster, G. Lakier, and C. Tan.

Amount: \$50,000

Awarded: September 2023-September 2024

2022 Data and Democracy Seed Grant

Sponsor: Data Science Institute at University of Chicago Investigator(s): M. Chetty, N. Feamster, G. Lakier, and C. Tan.

Amount: \$50,000

Awarded: December 2021-December 2022 (\*extended to September 2023)

2021-2026 P50 Chicago Chronic Condition Equity Network (C3EN)

R01: Voice-Activated Technology to Improve Mobility & Reduce Health Disparities:

EngAGEing African American Older Adult-Care Partner Dyads

Investigator(s): M. Chetty, N. Feamster, L. Hawkley, and M. Huisingh-Scheetz

Amount: \$4,100,000

Awarded: September 2021-June 2026

2021-2026 CAREER: Investigations of Educational Technology to Safeguard Children's Privacy

Sponsor: National Science Foundation

Investigator(s): M. Chetty Amount: \$550,000

Awarded: July 2021-June 2026

2020-2023 Connecting Contexts: Building Foundational Digital Privacy and Security Skills for Elementary

School Children, Teachers, and Parents Sponsor: National Science Foundation

Investigator(s): J. Vitak, T. Clegg, and M. Chetty

Amount: \$501,658

Awarded: Feb 2020-Feb 2023

2018-2019 Understanding How Mobile Users' Understand and Manage Privacy On Social Media in South

Africa

Sponsor: Facebook Securing the Internet Research Award

Investigators: M. Chetty and S. Wyche

Amount: \$67,000

2018-2019 Keeping Kids Safe: Equipping Elementary School Kids with Online Safety Skills

Sponsor: Google Faculty Research Award Investigators: M. Chetty, J. Vitak, and T. Clegg

Amount: \$50,000

Awarded: March 2018-March 2019

2014-2018 EPICA: Empowering People To Overcome Information Control and Attacks

Sponsor: National Science Foundation

Investigator(s): W. Lee, M. Bailey, M. Chetty, N. Feamster, and H. Klein

Amount: \$275,000

Awarded: June 2014-June 2018

2016-2017 Keeping Kids Safe: Understanding Kids' Mental Models of Online Safety

Sponsor: Google Faculty Research Award Investigators: M. Chetty and T. Clegg

Amount: \$46,100

Awarded: April 2016-April 2017

2014-2017 Establishing a Science of Security Lablet at University of Maryland

Sponsor: National Security Agency

Investigator(s): M. Chetty, T. Dumitras, V.S. Subrahmanian, and A. Prakash

Amount: \$214,392

Awarded: January 2014-February 2017

2014-2015 Connecting Africa: Understanding usage patterns of mobile users on metered connections

Sponsor: Google Faculty Research Award

Investigator(s): M. Chetty

Amount: \$40,000

Awarded: March 2014-March 2015

#### **SERVICE AND OTHER ACTIVITIES**

External Service and Panels	
2024-2025	Papers Co-Chair, CHI 2025
2024	Program Committee, IEEE Privacy and Security 2024
2023	Program Committee, IEEE Privacy and Security 2023
2023	Program Committee, ConPro Workshop 2023
2022	Program Committee, IEEE Privacy and Security 2022
2022	Privacy and Security Subcommittee Co-Chair, CHI 2023
2022	Program Committee, ConPro Workshop 2022
2021	Privacy and Security Subcommittee Co-Chair, CHI 2022
2021	Panelist for Secure and Trustworthy Computing Program at National Science Foundation (virtual panel)
2021	Program Committee, ConPro Workshop 2021
2021	Program Committee, CSCW 2021
2020-2021	Program Committee, USENIX Security
2020	Privacy and Security Program Committee, CHI 2021
2019-2020	Program Committee, CSCW 2020
2019	Privacy and Security Program Committee, CHI 2020
2018	Program Committee, NDSS 2019, Workshop on Usable Security (USEC) 2019
2018-2019	Program Committee, USENIX Security
2018	Program Committee, CSCW 2018 Workshop on Privacy in Context: Critically Engaging with Theory to Guide Privacy Research and Design
2018	Program Committee, CHI 2018 Workshop on Individual Differences in Privacy
2018	Program Committee, COMPASS 2018
2018	Program Committee, CSCW 2018
2017-2018	Program Committee for the European Workshop on Usable Security (EuroUSEC 2018)
2017-2018	Program Committee for the Workshop on Usable Security (USEC 2018) collocated with NDSS
2017-2018	Program Committee, SOUPS 2018
2017	Privacy, Security and Visualization Program Committee, CHI 2018

2017	Ph.D. Program Committee, WWW 2017
2017-2018	Associate Editor/Program Committee, IMWUT Journal (Formerly Ubicomp conference)
2016	Panelist for Secure and Trustworthy Computing Program at National Science Foundation (virtual panel)
2016	Privacy, Security and Visualization Program Committee, CHI 2017
2015	Specific Application Areas Program Committee, CHI 2016
2015	Program Committee, HotSoS 2015
2015	Program Committee, ICTD 2015
2015	Program Committee, Ubicomp 2015
2014	Papers Co-Chair, DEV 2014
2014	Program Committee, Ubicomp 2014
2014	Panelist, Secure and Trustworthy Computing Program at National Science Foundation
2013	Program Committee, Intelligent User Interfaces for Developing Regions at Intelligent User Interfaces 2013
2013	Program Committee, Smart Data Pricing Workshop at Infocomm 2013
2012-2013	Program Committee, ICTD 2013
2011-2012	Specific Applications Area Program Committee, CHI 2012
2011-2012	Program Committee, ICTD 2012
2011-2012	Co-Chair W-MUST Workshop, SIGCOMM 2012
2011-2012	Posters Co-Chair, Ubicomp 2012
2011	Ph.D. Forum Subcommittee, Grace Hopper Conference 2011
2010	Publications Chair, Ubicomp 2010
2010	Student Volunteer, Ubicomp 2010
2009	Works In Progress Program Committee, CHI 2009
2008	HCI for Community and International Development Workshop, CHI 2008
2008	Building an International Community: Designing Interactive Systems for Communities in the Developing World, DIS 2008
2008	Student Volunteer On-Site Co-Chair, Ubicomp 2008
2004	Assistant to sub-editor for SAIEE Transactions Journal, Special Issue on Software Engineering and Formal Methods
R ovienvina	

#### Reviewing

COMPASS (2018) CHI (2006, 2008-2023)

Creativity and Cognition

CSCW (2004, 2006, 2008, 2010-2023)

DEV (2014, 2015) DIS (2010-2011)

Grace Hopper (2010-2012) Graphics Interface (2018)

ICTD (2011-2015)

IEEE Pervasive

IEEE/ACM Transactions of Networking

Information Visualization (2009)

Information Technologies and International Development (ITID)

Interacting with Computers Journal

Transactions of Internet Technology Journal Ubicomp/IMWUT Journal (2008-2018) UIST (2008, 2011)

#### Computer Science Department, University of Chicago

2024-2025	Head of External Relations Committee
2023-2024	Diversity, Equity, and Inclusion Committee
2022-2023	Chair Search Committee
2022-2023	Data Science Search Committee
2021-2022	Graduate Committee
2021-2022	External Relations Committee
2019-2022	PhD Admissions Committee

#### Computer Science Department, Princeton University

2017-2019 RISE Event Co-Organizer

2017 Distinguished Lecture in HCI Fall Speaker Series Coordinator

2016-2017 HCI Faculty Search Committee

# iSchool, University of Maryland, College Park

2014	Retreat Committee on High Impact Research, Institute for Advanced Computing Studies
2013-2016	Master's in Human Computer Interaction Committee
2013	Master's in Information Management Committee

### College of Computing, Georgia Institute of Technology

2012	Judge for Postgraduate Research Spring Symposium
2012	Judge for Yahoo! HackU at College of Computing
2010	Judge for Undergraduate Research Spring Symposium
2007-2008	School of Interactive Computing Representative for Graduate Student Council <i>Duties:</i> Liaison between School chair, faculty, and graduate students. Attended faculty meetings and had regular meetings with the school chair.
2007-2008	Co-Leader of Graduate Women@cc Organization  Duties: Organized social and mentoring events for graduate women.
2007-2008	Co-Coordinator Human-Computer Interaction graduate seminar
2006-2008	Mentor in Women@cc Big-Little Sisters program
2006-2007	President of Graduate Student Council
	Duties: Supervised council activities, held regular meetings open to all graduate students, and liaised with school administration on behalf of graduate student matters.
2006-2007	Head of Graduate Student Council Travel Funds Committee
	Duties: Created policy for travel funds and application procedures. Oversaw first round of

applications

for travel grants and selected winners.

2006-2007 Co-coordinator of GVU Coffee and Cookie Break

# Computer Science Department, University of Cape Town

2004 Postgraduate representative for Computer Science

2004	Science Faculty postgraduate Students Association Member
2004	Treasurer ACM student chapter for University of Cape Town
2004	Mathematics tutor for senior high school students in Khayalitsha township with Ikamva Lesizandleni
	Zethu organization
2003	Postgraduate informal talks coordinator

# **STUDENT SUPERVISION**

STUDENT SUPERVISION				
University of Chicago				
	PhD Student Advisor			
Fall 2023-Present	Lan Gao			
Fall 2021-Present	Jake Chanenson			
Fall 2021-Present	Kelly Wagman			
Spring 2020-Present	Brennan Schaffner			
Fall 2019-Spring 2020	Michelle Aninye, Co-Advisor with Blasé Ur			
	PhD Student Thesis Committee			
2024	Zhiru Zu, Advisor. Raul Castro Fernandez			
2022	Jenna Cryan, Advisors: Ben Zhao and Heather Zheng			
2020	Jean Salac, Advisor: Diana Franklin			
	Master's Thesis Committee			
2024	Van Tran, Advisor: Nick Feamster			
2024	Harrison Dong, Advisor: Ken Nagaki			
2024	Elleen Pan, Advisor: Blasé Ur			
2024	Emma Peterson, Advisor: Blasé Ur			
2024	Lauren Wright, Advisor: Sarah Sebo			
2023	Zhiru Zu, Advisor. Raul Castro Fernandez			
2023	Synthia Wang, Advisor: Nick Feamster			
2019	Jean Salac, Advisor: Diana Franklin			
	Master's Students Thesis Advisor			
Fall 2020-Spring 2021	Regina Catipon, Computational Social Science Master's Thesis			
	Master's Students Research Assistant			
Fall 2024-Winter 2025	Rachel Lee, Master's			
Fall 2023-Present	Chirag Mahapatra, Master's in Computer Science and MBA at Booth			
Fall 2023-Present	Katherine Dumais, Master's in Computational Analysis and Public Policy			
Fall 2020-Fall 2021	Solomon Dworkin, Master's in Computer Science			
Fall 2020-Spring 2021	Shai Slotky, Master's in Computational Analysis and Public Policy			
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#### Undergraduate Students Thesis Advisor

Fall 2024-Spring 2025 Kanchan Naik, Undergraduate Computer Science Thes
Fall 2020-Spring 2022 Kevin Song, Computational Social Science Thesis

Fall 2020-Spring 2021 Neha Lingareddy, Undergraduate Computer Science Thesis

Fall 2019-Spring 2022 Shriya Bansal, Undergraduate Computer Science Thesis, \*Honorable Mention for

Computing Research Association (CRA) Undergraduate Research Award

#### Undergraduate Students Research Assistant/Independent Work

Winter 2025-Present Thomas Cheng, Independent Work
Summer 2024 Quinn Thompson, Research Assistant
Fall 2024-Present Luis Heysen, Research Assistant
Fall 2024-Present John Rugemalila, Research Assistant

Fall 2024-Present Bonnie Ko, Research Assistant

Spring 2024-Present Madison Vanderbilt, Research Assistant

Fall 2024-Present Mandy Jiang, Research Assistant Fall 2024-Present Oscar Chen, Independent Work Fall 2023-Fall 2024 Jerry Liu, Independent Work Fall 2023-Spring 2024 Sam Xie, Research Assistant Fall 2023- Spring 2024 Catherine Lu, Research Assistant Fall 2023-Present Kanchan Naik, Independent Work Summer 2023- Spring 2024 Natasha Messier, Independent Work Spring 2023- Spring 2024 Jacqueline Mei, Independent Work Spring 2023-Fall 2024 Abigail Barnes, Reseearch Assistant Riya Sahni, Independent Work Winter 2023-Spring 2023 Winter 2023- Spring 2024 Jay Shen, Independent Work

Winter 2023- Spring 2024 Leo Sun, Independent Work/Research Assistant

Winter 2023-Spring 2023

Fall 2022- Spring 2024

Fall 2022-Spring 2023

Fall 2022-Spring 2023

Andre Dang, Independent Work

Fall 2022

Evan Chorleton, Independent Work

Summer 2022

Grace Wang, Independent Work

Liv Campili, Independent Work

Spring 2022-Fall 2022 Logen (Jiatong) Li, Independent Work

Spring 2022-Fall 2022 Zoe Torok, Independent Work
Fall 2021-Winter 2022 Vallary Muhalia, Independent Work
Fall 2021-Winter 2022 Elaine Wan, Independent Work
Summer 2021-Spring 2022 Amy Morill, Reseearch Assistant

Summer 2021 Chimaobi Amanchukwu, Center for Data And Computing High School Intern

Spring 2021 Tara Aggarwal, Independent Work
Spring 2021 Walker Cook, Independent Work

Fall 2020-Spring 2022 Kevin Song, Computational Social Science

Summer 2020-Spring 2021 Maia Boyd, Co-Advisor with Blasé Ur
Summer 2020-Spring 2021 Archie Brohn, Reseearch Assistant
Summer 2020-Fall 2020 Fiona O'Connell, Reseearch Assistant
Witten 2020-Fill 2021 Jason Chee, Reseearch Assistant

Winter 2020-Fall 2021 Oishee Chakrabarti, Independent Work

Winter 2020-Winter 2021 Lucy Li, Reseearch Assistant

Winter 2020-Spring 2020 Ethan Walderman, Co-Advisor with Blasé Ur

Winter 2020 Riley Osborn, Independent Work

High School Research Assistant

2023 Ava Cohen 2022-2024 Yaretzi Ulloa 2021-2023 Navaneenth Rajan

Princeton University

PhD Student Advisor

Fall 2017-Fall 2020 Arunesh Mathur, Graduated. \*SIGCHI Outstanding Dissertation Award. First job:

Competitions Market Authority in the United Kingdom

PhD Student Thesis Committee (Non-Reader)

Spring 2018 Arpit Gupta, Advisor: Nick Feamster
Fall 2018-Spring 2019 Nora Willett, Advisor: Adam Finkelstein
Fall 2017-Spring 2018 Zeyu Jin, Advisor: Adam Finkelstein
Fall 2016-Summer 2017 Reid Oda, Advisor: Rebecca Fiebrink

Fall 2016-Summer 2017 KatieAnna Wolf, Advisor: Rebecca Fiebrink

PhD Student Research Assistants

Fall 2017-Summer 2018 Laura Roberts, *Computer Science Ph.D.*Summer 2017-Spring 2018 Annie Edmondson, *Computer Science Ph.D.* 

Master's Student Research Assistants

Summer 2017 Mark Martinez, Master's in Computer Science

Undergraduate Student Computer Science Senior Thesis Advisor

Fall 2018-Spring 2019

Fall 2018-Spring 2019

Fall 2018-Spring 2019

Fall 2018-Spring 2019

Fall 2017-Spring 2018

Fall 2017-Spring 2018

Fall 2017-Spring 2018

Fall 2017-Spring 2018

Jonathan Yang

Undergraduate Student Computer Science Senior Thesis Second Reader

Spring 2019 Jerry Wei, Advisor: Jonathan Mayer

Spring 2017	Katie Hanss, Advisor: Thomas Funkhouser
Spring 2017	Nicole Marvin, Advisor: Thomas Funkhouser
Spring 2017	Serena Zheng, Advisor: Nick Feamster
Fall 2017-Spring 2018	Leila Clark, Advisor: Jeremie Lumbroso
Fall 2017-Spring 2018	Nico Bayless, Advisor: Barbara Engelhardt
Fall 2017-Spring 2018	Melana Hammel, Advisor: Margaret Martonosi
E 11 2017 C : 2010	I 1 7 11: N. M.:

Fall 2017-Spring 2018 Jonathan Zong Advisor: Nate Matias

Undergraduate Independent Work

Summer 2020-Fall 2021 Kevin Feng
Fall 2018-Spring 2019 Theodor Marcu
Fall 2018 Olivia Johnson
Summer 2018 Daniel Braga

Spring 2018 Madeleine Cheyette
Spring 2018 Mihika Kapoor
Summer 2017 Robert Liu

University of Maryland, College Park

PhD Student Advisor

Fall 2014-Spring 2017 Arunesh Mathur, Ph.D. in Information Studies

PhD Student Research Assistants

Fall 2016-Spring 2021 Priya Kumar, Ph.D. in Information Studies

Master's Thesis Advisor

Fall 2014-Spring 2016 Arunesh Mathur, Master's of Human Computer Interaction

Master's Thesis Committee

Lisa Rogers, Master's of Human Computer Interaction, Advisor: Michelle Mazurek
Spring 2015

Spring 2014

Myeong Lee, Master's of Information Management, Advisor: Beth St. Jean
Myeong Lee, Master's of Information Management, Advisor: Brian Butler
Spring 2014

Maia Naftali, Master's of Human Computer Interaction, Advisor: Leah Findlater

Master's Students Research Assistants

Summer 2017-Summer 2018

Lisa Rogers, Master's of Human Computer Interaction

Spring 2017

Shalmali Naik, Master's of Human Computer Interaction

Julie Romanosky, Master's of Human Computer Interaction

Spring 2016 & Spring 2017

Utkarsha Devkar, Master's of Information Management

Spring 2016-Spring 2017

Pramod Chundury, Master's of Human Computer Interaction

Spring 2016

Boney Yeldho, Master's of Human Computer Interaction

Fall 2015-Spring 2016 Rohan Bondili Singh, Master's of Human Computer Interaction

Fall 2015 Brahm Persaud, Master's of Human Computer Interaction
Summer 2015-Spring 2017 Victoria Chang, Master's of Human Computer Interaction

Fall 2014-Spring 2016 Josefine Engel, Master's of Information Management
Fall 2014-Spring 2015 Kate Shepherd, Master's of Information Management
Spring 2014-Spring 2015 Sonam Sobti, Master's of Information Management

Undergraduate Research Assistants/Independent Work

Spring 2016

Spring 2015

David Zhu, Undergraduate Mechanical Engineering

Spring 2014-Fall 2014

Brent Schlotfeldt, Undergraduate Computer Science Major

Spring 2014

Javier Garcia, Undergraduate Computer Science Major

Fall 2013 Javier Garcia, Kevin Judd, Corey Lowman, Robert Moore, Undergraduate Computer

Science Majors, Independent Work Group Project

External Examiner

PhD Thesis

2019 Sana Maqsood, Carleton University, Canada, Advisor: Sonia Chiasson

Master's Thesis

2022 Dominique Oosthuizen, University of Cape Town, South Africa, Advisor: Melissa

Densmore

College of Computing, Georgia Institute of Technology

PhD Student Research Assistants

Summer 2012 Rebecca Rouse, Ph.D. Digital Media

Master's Student Research Assistants

Spring 2012 Zuiena Kabir, Master's in Human Computer Interaction

Spring 2012 Hyewon Suh, Master's in Computer Science
Fall 2011 & Spring 2012 Boris du Souza, Master's in Computer Science
Spring-Summer 2008 David Tran, Master's in Computer Science
Spring 2008 Shashank Raval, Master's in Computer Science

Spring 2008 Alicia Nachman, Master's in Human Computer Interaction
Spring 2006 Ja-Young Sung, Master's in Human Computer Interaction

Undergraduate Research Assistants/Independent Work

Summer 2012 Michael Dandy, *Undergraduate Computer Science Senior*Sum 2010, Spring 2011, Bethany Sumner, *Undergraduate Computer Science Sophomore* 

Fall 2011 & Spring 2012

Summer 2010 Ugochi Ofoha, Undergraduate Computer Science Senior
Spring 2010 Andrew Baird, Undergraduate Computer Science Senior
2009-2010 David Haslem, Undergraduate Computer Science Senior
2008-2009 Jin Yao, Undergraduate Computer Science Senior

Fall 2008 Eric Bolten, Michael Orr, Teddy Stotis, and Joshua Slaughter, Undergraduate

Computer Science Seniors, Independent Work

Spring 2008 Adam Allred, Ryan Cino, Mary Gezo, and Jared Salzmann Undergraduate

Computer Science Seniors, Independent Work

# **REFERENCES**

Available on request.